



**P8 COMMUNICATION PIT, COMMUNICATION AND ELECTRICAL JUNCTION PITS**  
**PLAN**

**NOTES:**

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| <p>1 REFER TO ALIGNMENT PLANS FOR NUMBER, SIZE AND ORIENTATION OF CONDUITS</p> <p>2 CONCRETE APRON 200mm THICK GRADE N25 WITH SL82 MESH CENTRALLY PLACED, 75mm THICK BED OF CRUSHED ROCK MATERIAL WITH CBR 10 20mm FALL AWAY FROM PIT</p> <p>3 LIGHT DUTY PIT LIDS USED IN FREEWAY VERGES PROTECTED FROM TRAFFIC</p> <p>4 ALL CONDUIT ENTRY AND EXIT POINTS INTO PIT WALLS TO BE SEALED WITH CEMENT MORTAR TO PROVIDE A WATERTIGHT SEAL</p> <p>5 ALL VICROADS PIT LIDS TO BE INSCRIBED IN ACCORDANCE WITH VICROADS STANDARD DRAWING TC 1220 INSCRIPTION TO BE "VICROADS ELEC" FOR ELECTRICAL PITS AND "VICROADS COMMS" FOR COMMUNICATION PITS</p> <p>6 AVOID DISTORTION DURING COMPACTION SUCH THAT THE MINIMUM DIAMETRIC DIMENSION EXCEEDS 720mm FOR 750Ø PIT</p> <p>7 ENDS OF CONDUITS TO BE TRIMMED NEATLY, FREE FROM SHARP EDGES OR BURRS; AND SHALL BE FITTED WITH CONDUIT BUSHES</p> <p>8 300mm THICK BASE OF WASHED 20mm SCREENING TO BE PROVIDED UNDER THE ENTIRE AREA COVERED BY CONCRETE APRON</p> <p>9 ALL VICROADS COMMUNICATION PIT LIDS TO BE LOCKABLE</p> | <p>10 750mm ROUND ELECTRICAL PIT AS APPROPRIATE FOR DETAILS, REFER TO STANDARD DRAWING TC-2201</p> <p>11 P8 COMMUNICATION PIT FOR DETAILS, REFER TO STANDARD DRAWING TC-2203 - P8 ITS COMMUNICATIONS PIT</p> <p>12 750mm ROUND COMMUNICATIONS JUNCTION PIT IS REQUIRED ONLY FOR ITS DEVICES/ CONDUITS REFER TO STANDARD DRAWING TC-2202</p> <p>13 FOR TRENCHING METHOD, REFER TO STANDARD DRAWING TC-2204 - ELECTRICAL AND COMMUNICATION TRENCHES</p> <p>14 DIMENSIONS SHOWN ARE IN MILLIMETERS, UNO</p> <p>15 THIS DRAWING IS TO BE USED IN CONJUNCTION WITH STANDARD SECTION 733</p> <p>16 CONCRETE SURROUNDS AND PIT LIDS SHALL BE GRADED IN THE SAME DIRECTION WITH A MINIMUM GRADE OF 2% SHALL NOT POND WATER AND MATCH EXISTING SURFACE LEVELS FOR SAFETY OF MAINTENANCE STAFF AND PUBLIC</p> <p>17 THIS DRAWING IS APPLICABLE WHERE 2 OR MORE PITS ARE GROUPED TOGETHER WHERE POSSIBLE PITS SHALL BE GROUPED TOGETHER AND CONTAINED WITHIN A SINGLE APRON/SURROUND</p> <p>18 CONCRETE APRON EDGES TO BE CHAMFERED</p> |
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A	W H	12/2018	REVISION OF DETAIL
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES	
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DESIGNED	M80 UPGRADE	07/2015
APPROVED	W HARVEY - MANAGER	
	ITS INFRASTRUCTURE & SYSTEM 08/2015	
CAT:		SCALE OF METRES
PROJ:		N T S
FILE		HOR
		VER



<b>STANDARD DRAWING</b>				
MANAGED MOTORWAY				
<b>PIT AND CONDUIT ARRANGEMENTS</b>				
<b>MULTIPLE PIT ARRANGEMENT</b>				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2206	A